



# GABRIEL GARCÍA GARRIDO

// SOFTWARE AND ELECTRONIC ENGINEER

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## SKILLS

### PROGRAMMING LANGUAGES

Java   HTML (Standard)   CSS   Python  
C#   Typescript   PL SQL   JavaScript

### DDBB

Mongo DB   Postgres SQL   Oracle DDBB

### BACK-END FRAMEWORKS

Spring boot   Spring boot WebFlux  
Spark   Django   NodeJs   Quarkus

### FRONT-END

Angular   RxJs   Ionic

### AI AGENTS, IDES & TOOLS

Ollama   Spring AI  
Antigravity (Google)   OpenCode  
GitHub Copilot   Windsurf  
Claude Code

### INFRASTRUCTURE

Apache kafka   Oauth2   Nginx  
WebLogic   Consul   RabbitMQ   WS02

### CONTAINERS

Helm   Docker | compose   Kubernetes  
OpenShift

### DEVOPS

Jenkins   Azure devops   Sonarqube  
Github Actions  
grafana and prometheus

### CLOUD

Azure B2C   Azure Blob Storage  
Azure Vms  
Azure SQL active directory  
Google Cloud pubsub  
Google Cloud storage  
Google Cloud cloud run  
Azure SQL Database  
Azure SQL app service  
Azure functions

## PROFILE

Originally from Málaga, a beautiful coastal city in southern Spain (Andalusia), I have been based in Madrid for the past 12 years. My international experience includes living in the USA (Florida and New York City), where I completed part of my collegiate studies on a scholarship.

I am a passionate learner with diverse interests. My hobbies include playing guitar and drums, skiing, music production, cooking, and photography. Programming is not just my profession but also a hobby—I constantly explore new technologies and frameworks.

I am an avid maker and technology enthusiast. I maintain my own electronics lab and 3D printer, where I design and build robots and custom hardware solutions, applying the principles from my engineering background.

While much of my professional work resides in private corporate repositories, I actively maintain personal projects and Proof of Concepts (POCs) on GitHub. I am continuously publishing new experiments and open-source contributions.

## EXPERIENCE

### GFT — Backend Microservices & DevOps Engineer   *May 2024 - Current*

Played a key role in developing a critical financial adjustments engine for a top-tier German bank, processing high-volume transactions using a reactive microservices architecture.

- **High-Performance Backend:** Engineered non-blocking microservices with Spring WebFlux, successfully handling thousands of concurrent requests with minimal latency.
- **Cloud-Native Scalability:** Architected robust event-driven workflows on Google Cloud Platform (Cloud Run, Pub/Sub, Dataflow), ensuring 99.9% uptime and auto-scaling capabilities.
- **DevOps Excellence:** Streamlined CI/CD pipelines via GitHub Actions and GitOps methodologies, reducing deployment times by 40% while maintaining zero-downtime releases.

### COGNIZANT — Lead Microservices Architect & DevOps (Full Stack)   *Jun 2022 - Apr 2024*

Spearheaded enterprise architecture transformations for a leading European insurance firm, driving modernization and technical excellence across cross-functional teams.

- **Cloud Infrastructure Modernization:** Orchestrated a massive zero-downtime migration of 15 critical services from Cloud Foundry to Kubernetes (K8s), reducing infrastructure costs by 20% and improving resource utilization.
- **Architecture Refactoring:** Successfully uncoupled a complex legacy "distributed monolith" into a highly cohesive, DDD-driven microservices ecosystem, drastically reducing technical debt and team bottlenecks.
- **Security & Standardization:** Defined and enforced enterprise-wide standards for robust OAuth2 authentication flows, synchronized logging, and resilient microservice patterns.

Google Cloud App engine

Google Cloud Functions

Google Cloud Sql

Azure Others IN GENERAL

Google Cloud Others IN GENERAL

Google Cloud dataflow

AWS IN GENERAL

## TESTING

Postman

Junit

Cypress V12

Mockito

Soap UI

## MONITORING (LOGGING)

Splunk

Kibana ELK

## VIDEOGAMES AND 3D DESIGN

Unity

Blender

## OTHERS

Lightroom

Photoshop

Freecad

PCB Eagle

## CERTS



AZ-204



AZ-400

## EDUCATION

### San Estanislao de kostka (Málaga)

1996-2008

### Universidad Pontificia Comillas (Madrid)

Bachelor's Degree in Industrial Engineering  
(Electronics Specialty)

2008-2014

### State University of New York at New Paltz (New York)

Bachelor's Degree in Industrial Engineering  
2012-2013

## MINSAIT

### Azure B2C Developer

Jan 2022 - Jun 2022

Executed the end-to-end authentication implementation for a major French insurance company serving millions of users.

- **Identity & Access Management:** Developed complex user flows (password recovery, MFA, OTP via SMS) using Azure B2C custom policies to enhance platform security.
- **Custom Integrations:** Engineered secure Azure Functions to seamlessly extend B2C capabilities with custom validation logic.

### Microservices Developer & Architect

Oct 2019 - Jun 2022

Spearheaded the architectural design of resilient Java-based backend systems for multi-squad environments.

- **Event-Driven Architecture:** Designed and scaled robust Spring Boot microservices utilizing asynchronous non-blocking patterns and CQRS.
- **Domain Modeling:** Applied strict Domain-Driven Design (DDD) principles to drastically improve domain predictability and code maintainability.

### DevOps Engineer

Dec 2019 - Jun 2022

Led the automation of delivery pipelines and deployment strategies across enterprise platforms.

- **CI/CD Ecosystems:** Built comprehensive, fully automated pipelines using Jenkins and Bamboo to drastically cut manual intervention.
- **Deployment Standardization:** Implemented auto-versioning, secure deployments, and quality gates aligned with rigorous GitFlow strategies.
- **Infrastructure Management:** Maintained centralized Helm chart repositories to manage deployments across diverse technology stacks.

### Cloud Engineer

Nov 2019 - Jun 2022

Directed cloud operations and Kubernetes adoption within Azure-centric environments.

- **AKS Infrastructure:** Managed and scaled large-scale cloud infrastructure on Azure Kubernetes Service (AKS), incorporating native Azure AD authentication.
- **Architecture Modernization:** Orchestrated the transition of early-stage architectures and monolithic applications into highly available microservices environments.

### Backend Developer

Oct 2017 - Jun 2022

Core backend development for web services and RESTful APIs during the earlier stages of the cloud maturity lifecycle.

- **Backend Services:** Delivered high-performance APIs and core business logic using Java and the Spring Boot framework.

## TECNATOM — Product Development Engineer

Feb 2015 - Oct 2017

### (Robotics)

Hardware/Software engineering focused on low-level robotics programming and PCB design. Laying a core engineering foundation before transitioning fully to cloud scale software architecture.

## DIGITAL FULL EXPERIENCE



For interactive charts, high-density project details, and a modern experience, please visit my live portfolio:

[gabrielgarciacv.netlify.app](http://gabrielgarciacv.netlify.app)